

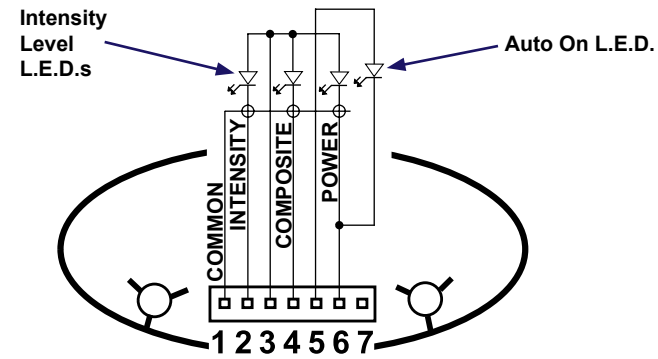
Table of Contents: Midmark Dental Light Wiring Diagrams

Mounting Style	Description	Model Numbers	Serial Numbers:	Refer To:
Chair Mounted	Console / LR	153584 / 153585 / 153673 / 153771	all	Schematic: Chair Mtd. Light - 1
				Wiring Diagram: Chair Mtd. Light -1
		153818	all	Wiring Diagram: Chair Mtd. Light -1.1
Track Mounted:	Light only	Track / Trolley: 153656 Lighthead / Flex Arm: 153638	all	Wiring Diagram: Track Light -1
	Light w/ Monitor	Track / Trolley: 153768 Monitor / Flex Arm: 153770 Lighthead / Flex Arm: 153638	V2200 thru V729364	Wiring Diagram: Track Light / Monitor - 1
		Track / Trolley: 029-4856-0x Monitor / Flex Arm: 029-4739-00 Lighthead / Flex Arm: 029-4857-00	V761693 thru V946211	Wiring Diagram: Track Light / Monitor - 1.1
			V946212 thru present	Wiring Diagram: Track Light / Monitor - 1.2
Ceiling Mounted:	-	153637	all	Wiring Diagrams: Ceiling Mtd. Light
Wall / Cabinet Mounted:	-	Wall Mount: 153640 Cabinet Mount: 153641 Lighthead / Flex Arm: 153638	all	Wiring Diagram: Wall / Cabinet Mtd. Light - 1
Universal Mount:	-	153639	all	Wiring Diagram: Universal Mtd. Light - 1

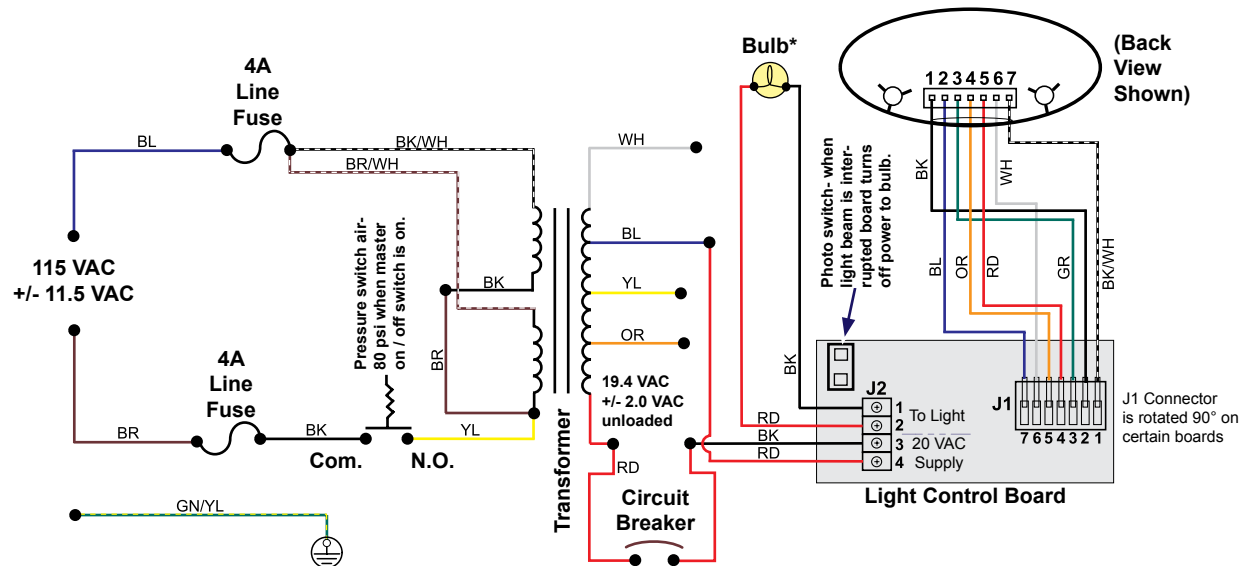
*VAC at Bulb Settings

High 15.7 VAC
 Medium.....14.4 VAC
 Low 12.8 VAC
 Composite ..9.8 VAC

All voltages +/- 6% and indicate reading under load (light is on). Also, add 0.3 vac to above values if readings are taken at output of light control board instead of across bulb.

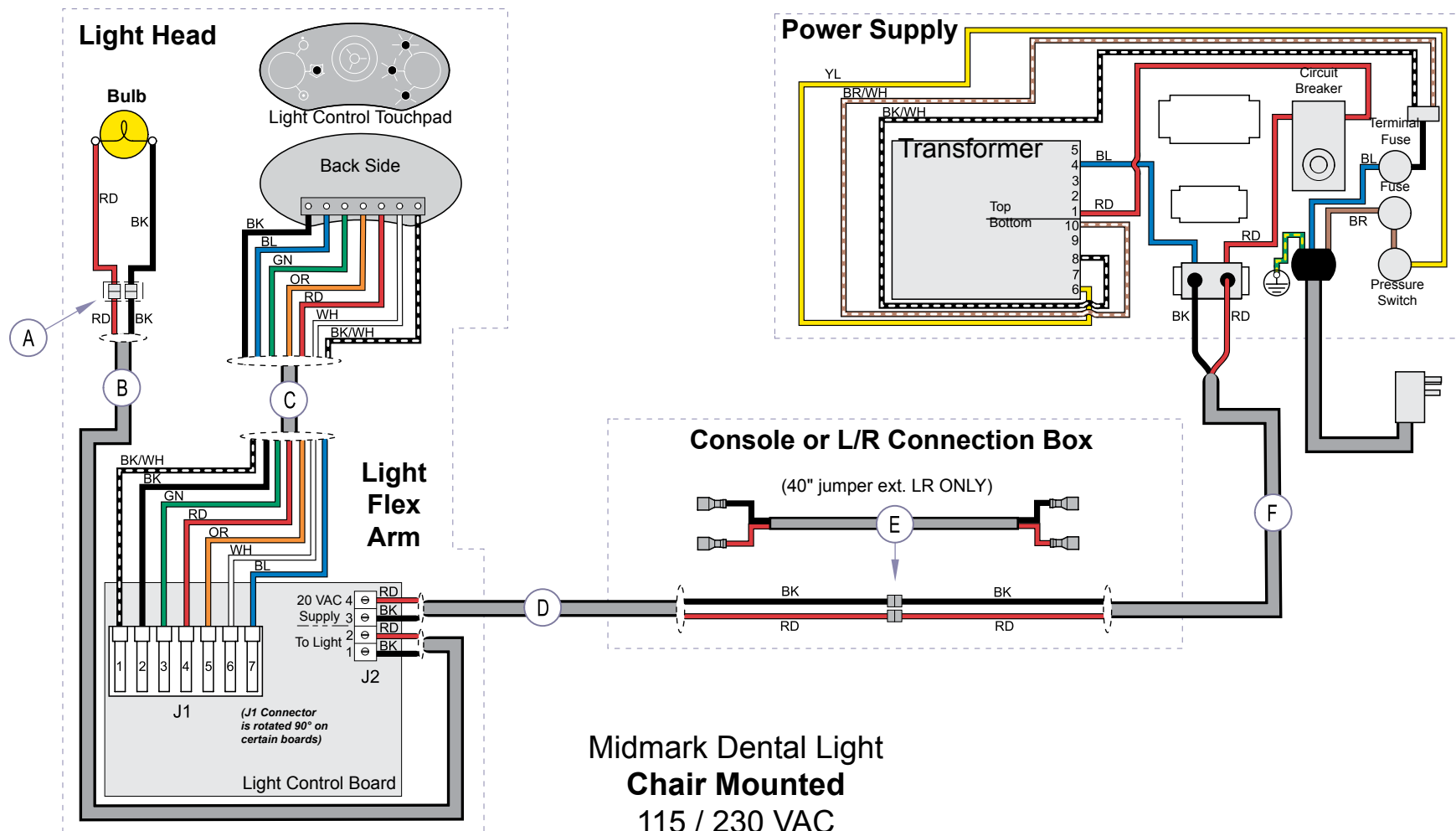


Light Control Touchpad



DA2779i

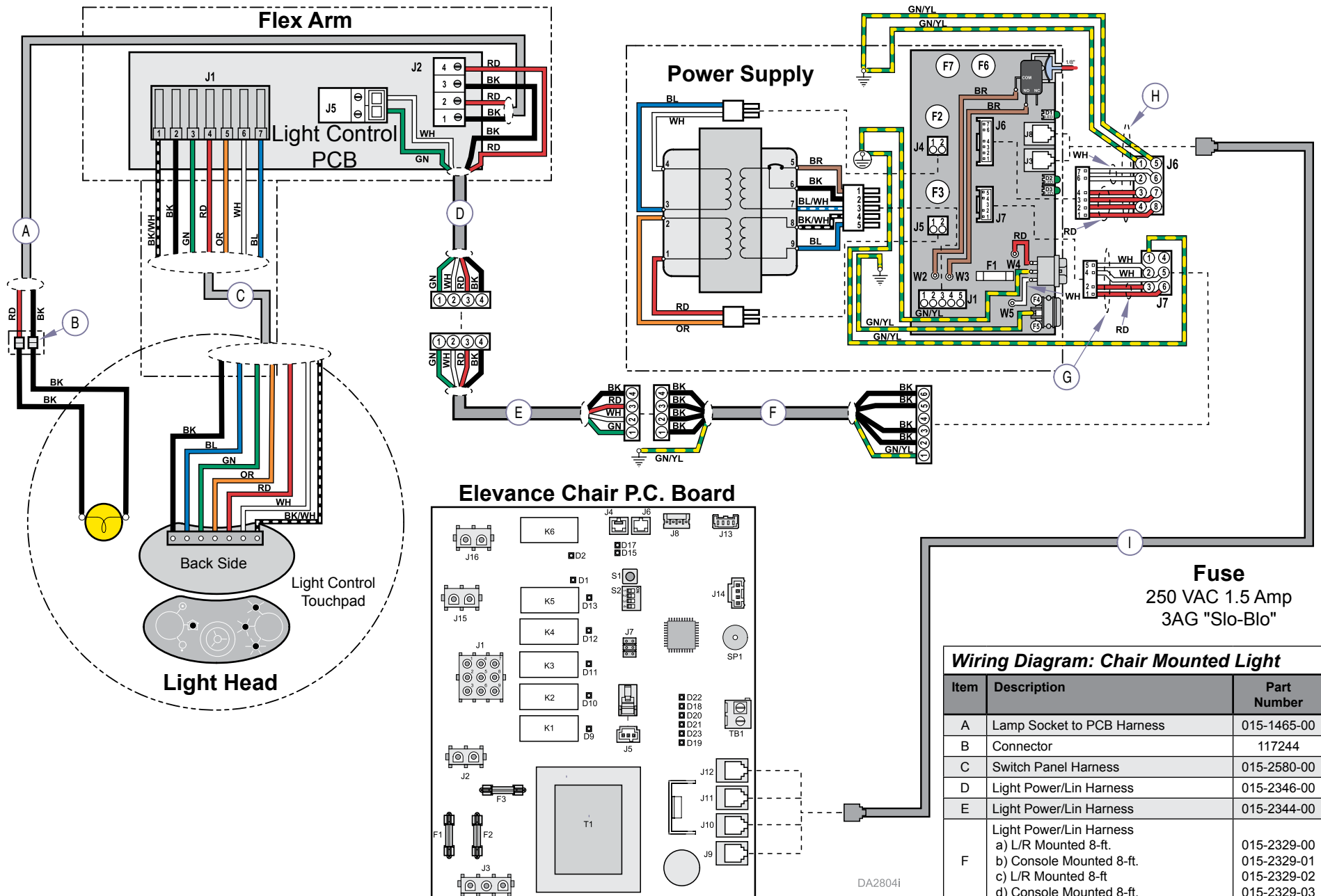
Page Applies To:	Model Numbers	Serial Numbers
Chair Mounted Lights	153585 / 153673 / 153771 / 153584	all



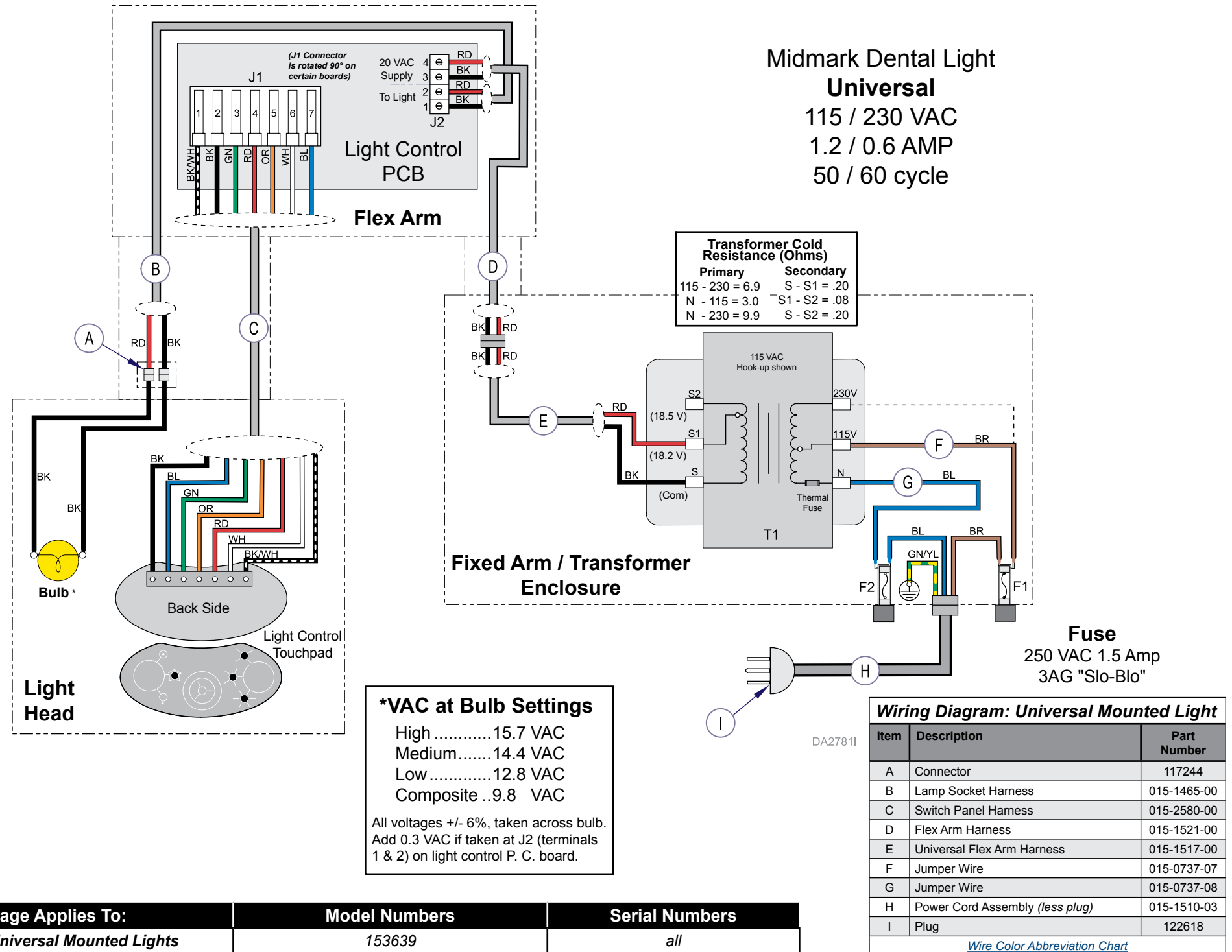
Midmark Dental Light
Chair Mounted
115 / 230 VAC
1.2 / 0.6 AMP
50 / 60 cycle

Wiring Diagram: Chair Mounted Light		
Item	Description	Part Number
A	Connector	117244
B	Lamp Socket Harness	015-1465-00
C	Switch Panel Harness	015-2580-00
D	Console & L/R Harness (96.0"L)	015-1522-00
E	L/R Jumper Harness	015-1484-00
F	Light Harness (J-Box to Unit)	015-1468-00
<i>Wire Color Abbreviation Chart</i>		

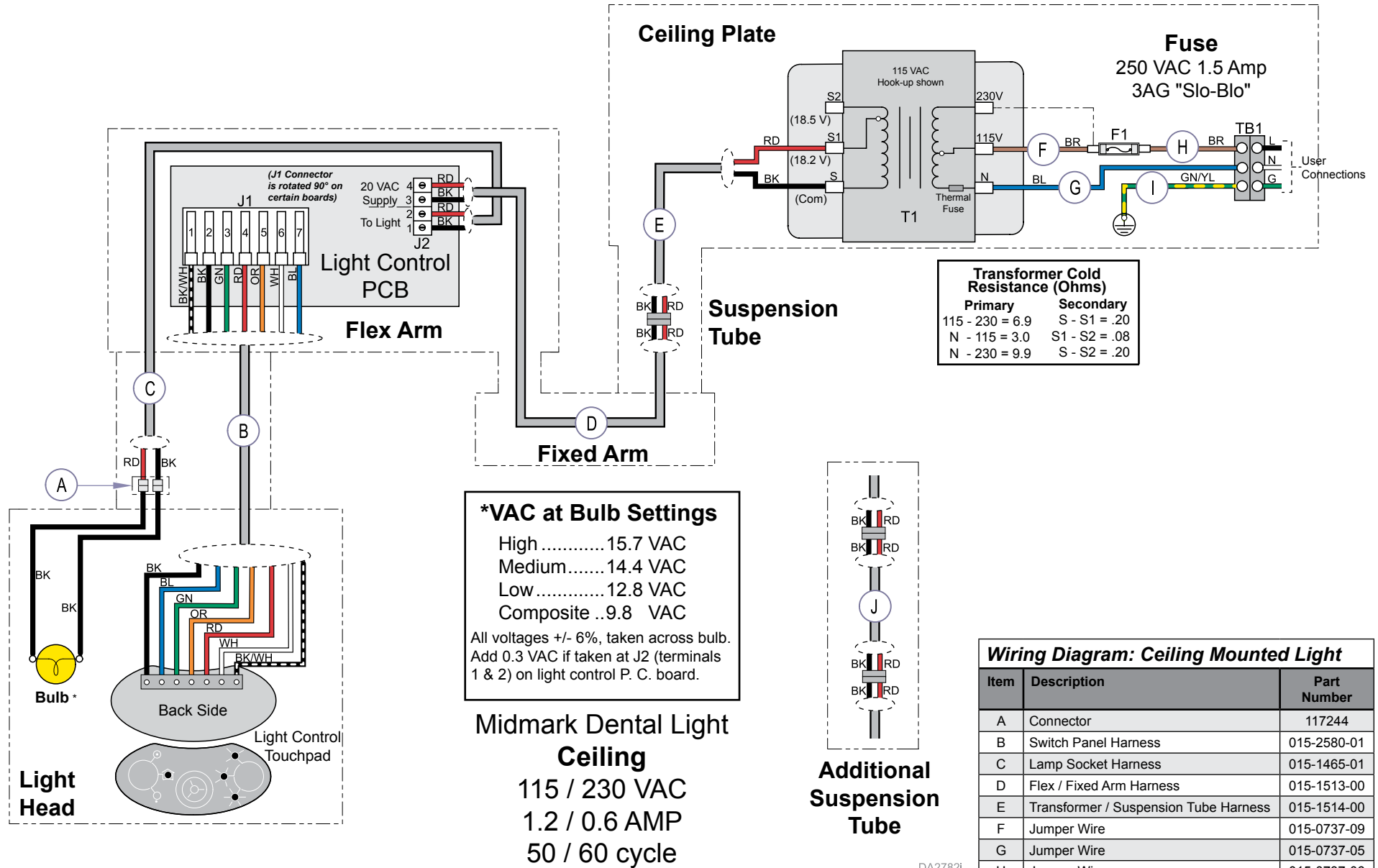
Page Applies To:	Model Numbers	Serial Numbers
<i>Chair Mounted Lights</i>	153585 / 153673 / 153771 / 153584	<i>all</i>



Page Applies To:	Model Numbers	Serial Numbers
Chair Mounted Lights	153818	all



Page Applies To:	Model Numbers	Serial Numbers
Universal Mounted Lights	153639	all

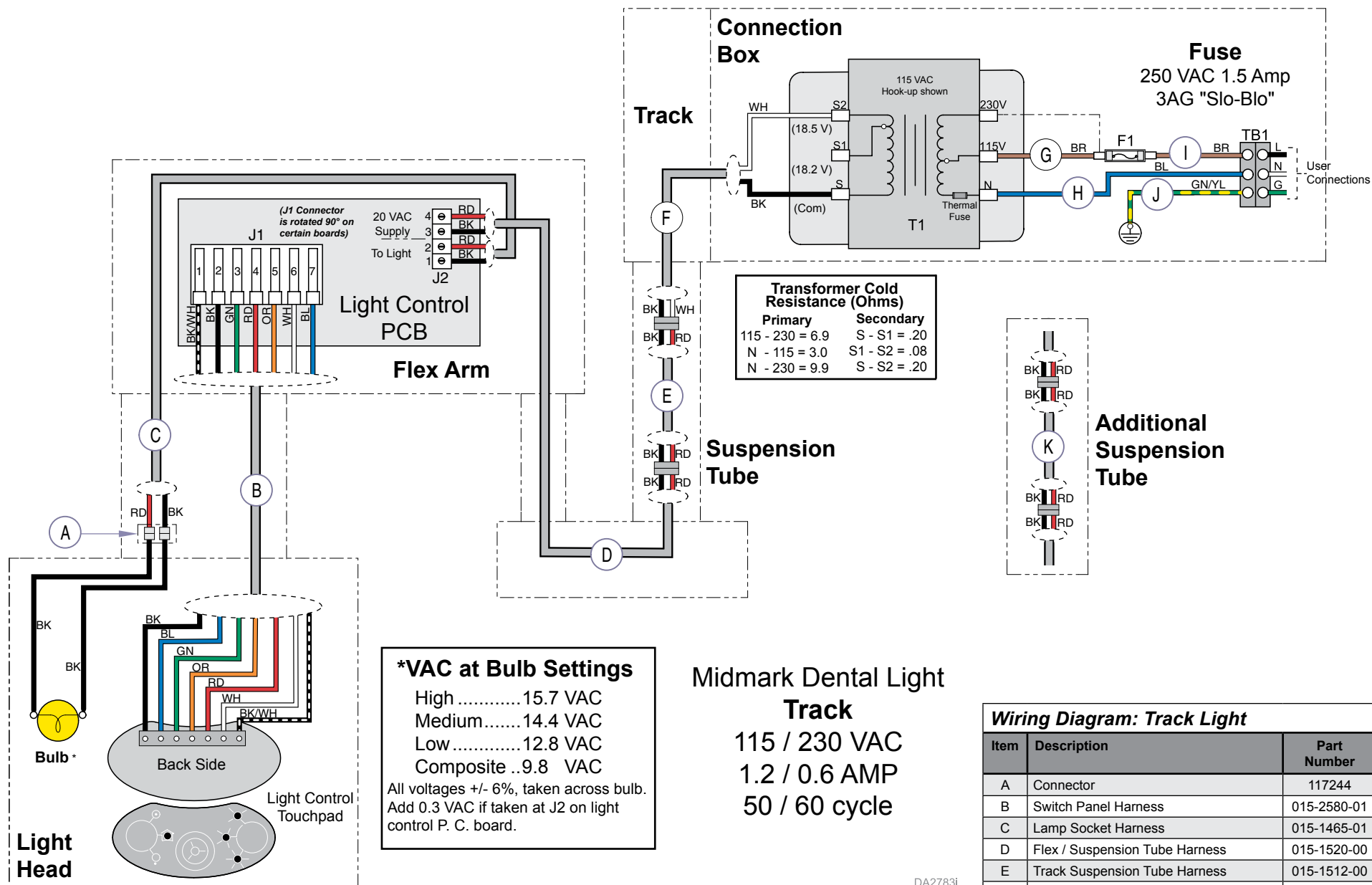


DA2782i

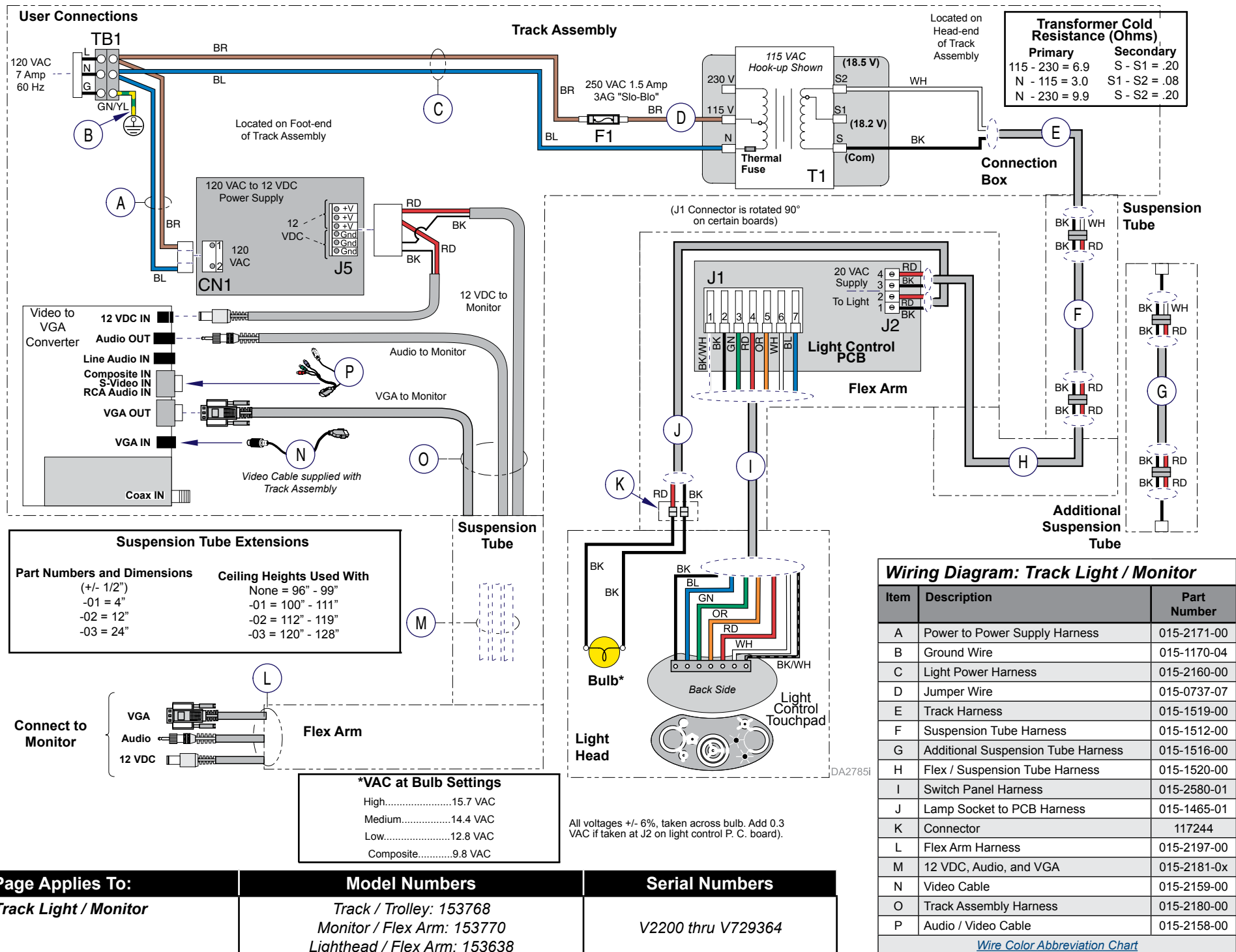
Page Applies To:	Model Numbers	Serial Numbers
Ceiling Mounted Lights	153637	all

Wiring Diagram: Ceiling Mounted Light		
Item	Description	Part Number
A	Connector	117244
B	Switch Panel Harness	015-2580-01
C	Lamp Socket Harness	015-1465-01
D	Flex / Fixed Arm Harness	015-1513-00
E	Transformer / Suspension Tube Harness	015-1514-00
F	Jumper Wire	015-0737-09
G	Jumper Wire	015-0737-05
H	Jumper Wire	015-0737-06
I	Jumper Wire	015-0737-11
J	Suspension Tube Harness	015-1516-00

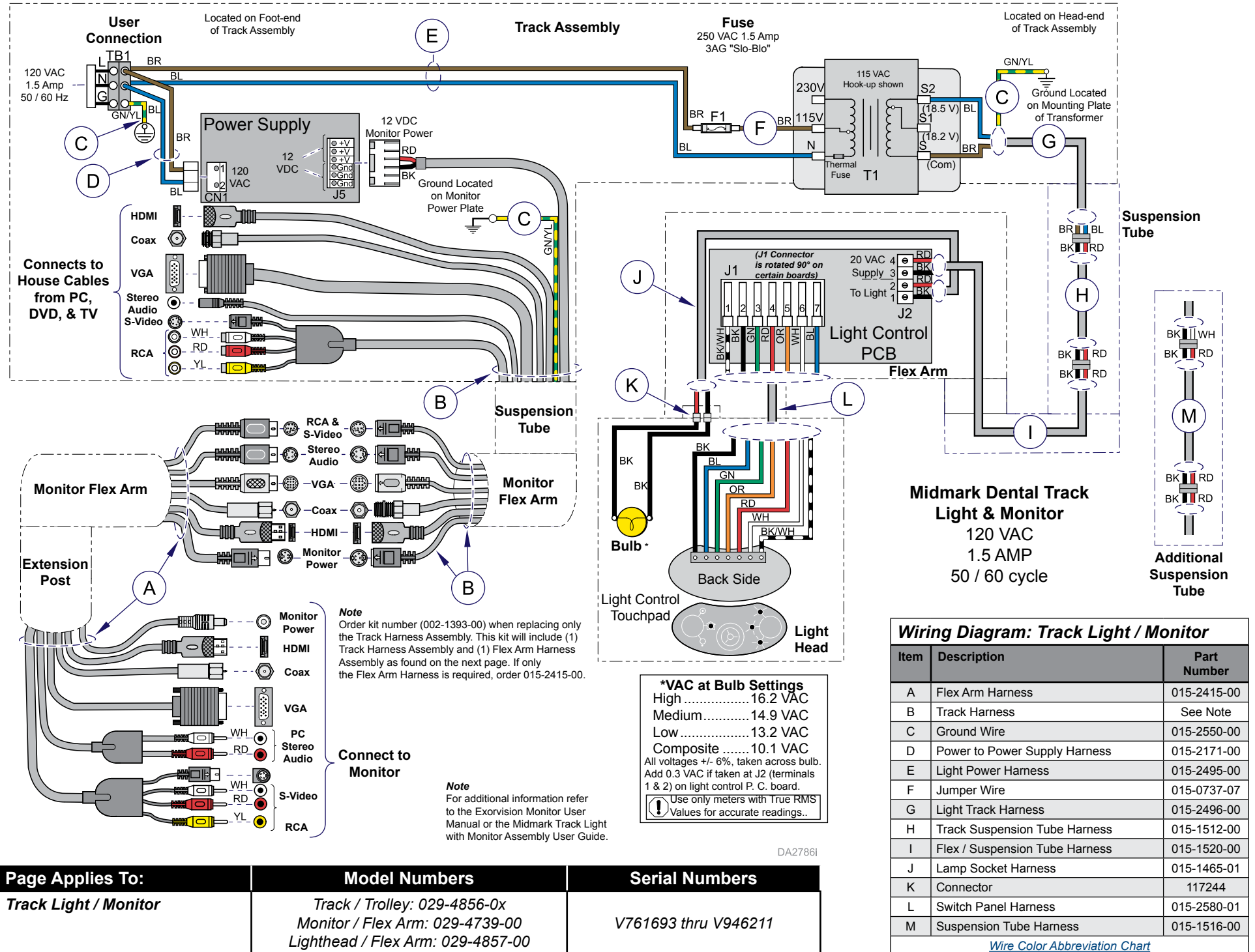
[Wire Color Abbreviation Chart](#)



Page Applies To:	Model Numbers	Serial Numbers
Track Lights	Track / Trolley: 153656 Lighthouse / Flex Arm: 153638	all

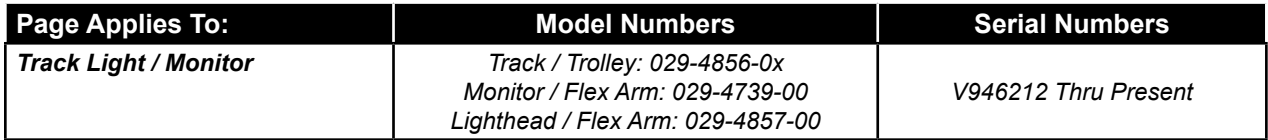


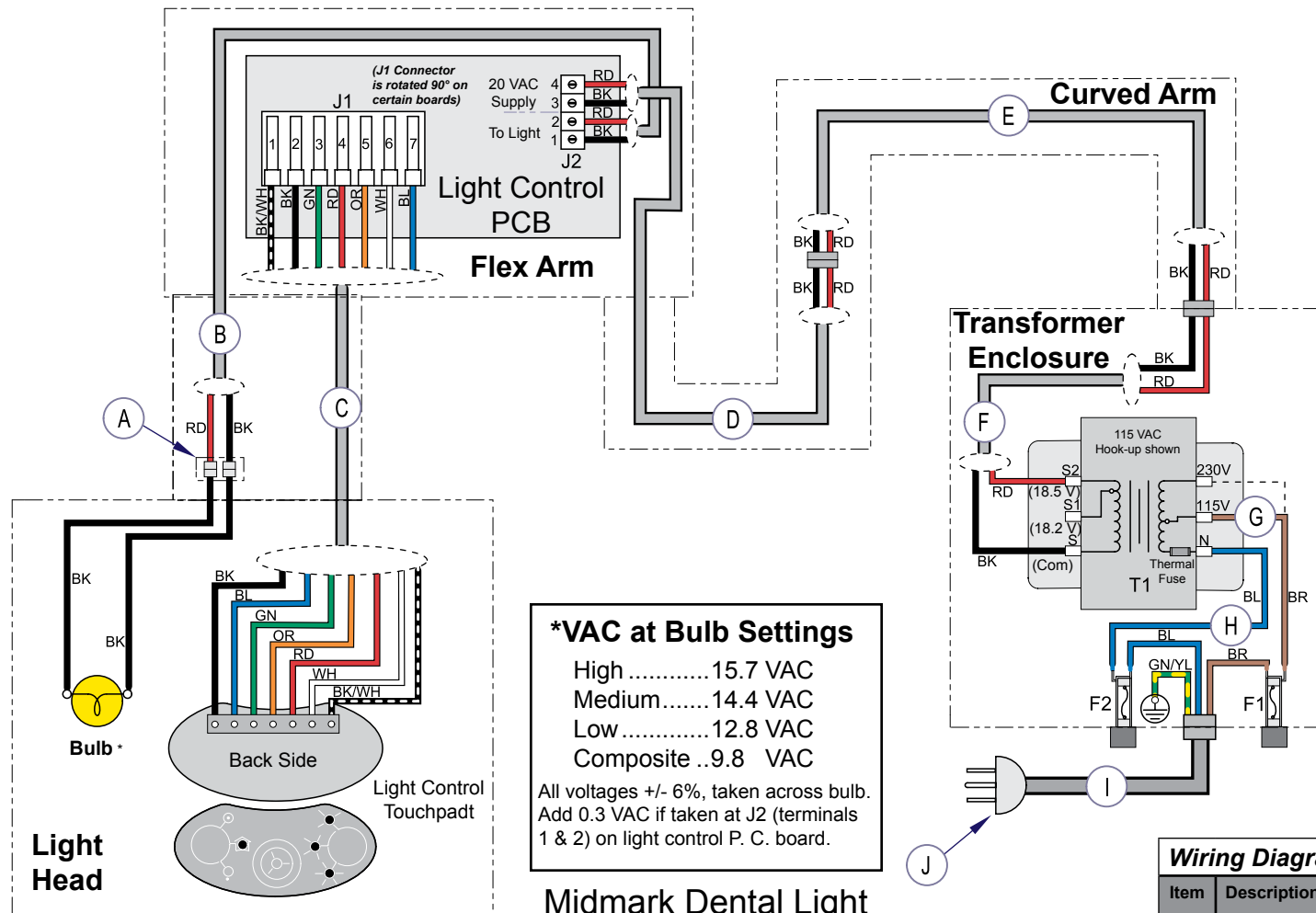
Page Applies To:	Model Numbers	Serial Numbers
Track Light / Monitor	Track / Trolley: 153768 Monitor / Flex Arm: 153770 Lighthouse / Flex Arm: 153638	V2200 thru V729364



Page Applies To:	Model Numbers	Serial Numbers
Track Light / Monitor	Track / Trolley: 029-4856-0x Monitor / Flex Arm: 029-4739-00 Lighthouse / Flex Arm: 029-4857-00	V761693 thru V946211

Wiring Diagram: Track Light / Monitor- 1.1





*VAC at Bulb Settings

High 15.7 VAC
 Medium 14.4 VAC
 Low 12.8 VAC
 Composite ..9.8 VAC

All voltages +/- 6%, taken across bulb.
 Add 0.3 VAC if taken at J2 (terminals 1 & 2) on light control P. C. board.

Midmark Dental Light Wall / Cabinet Mount

115 / 230 VAC
 1.2 / 0.6 AMP
 50 / 60 cycle

Transformer Cold Resistance (Ohms)	
Primary	Secondary
115 - 230 = 6.9	S - S1 = .20
N - 115 = 3.0	S1 - S2 = .08
N - 230 = 9.9	S - S2 = .20

Wiring Diagram: Wall / Cabinet Mtd. Light

Item	Description	Part Number
A	Connector	117244
B	Lamp Socket Harness	015-1465-01
C	Switch Panel Harness	015-2580-01
D	Flex/Suspension Tube Harness	015-1520-00
E	Wall Mount Tube Harness	015-1523-00
F	Transformer Harness	015-1518-00
G	Jumper Wire	015-0737-07
H	Jumper Wire	015-0737-08
I	Power Cord	015-1510-04
J	Plug	122618

[Wire Color Abbreviation Chart](#)

Page Applies To:	Model Numbers	Serial Numbers
Wall / Cabinet Mounted Lights	Wall Mount: 153640 Cabinet Mount: 153641 Lighthead / Flex Arm: 153638	all

Wiring Color Abbreviation Chart

Item	Color (English)	Farbe (Deutsch)	Couleur (Français - Europe)	Color (español europeo)	Colore (italiano)	Color (others)
BK	Black	Schwarz	Noir	Negro	Nero	
BL	Blue	Blau	Bleu	Azul	Blu	
BR	Brown	Braun	Marron	Marrón	Marrone	
CL	Clear	Durchsichtig	Incolore	Transparente	Trasparente	
GN	Green	Grün	Vert	Verde	Verde	
GY	Grey					
OR	Orange	Orange	Orange	Naranja	Arancione	
PR	Purple	Purpur	Pourpre	Morado	Porpora	
RD	Red	Rot	Rouge	Rojo	Rosso	
VI	Violet	Violett	Violet	Violeta	Viola	
WH	White	Weiß	Blanc	Blanco	Bianco	
YL	Yellow	Gelb	Jaune	Amarillo	Giallo	
PK	Pink	Pink	Rose	Rosa	Rosa	
TN	Tan	Hellbraun	Fauve	Marrón claro	Tanè (marrone scuro)	
BK/WH	Black/White	Schwarz/Weiß	Noir/Blanc	Negro/blanco	Bianco/nero	
BL/WH	Blue/White	Blau/Weiß	Bleu/Blanc	Azul/blanco	Blu/bianco	
BR/WH	Brown/White	Braun/Weiß	Marron/Blanc	Marrón/blanco	Marrone/bianco	
GN/WH	Green/White	Grün/Weiß	Vert/Blanc	Verde/blanco	Verde/bianco	
GN/YL	Green/Yellow	Grün/Gelb	Vert/Jaune	Verde/amarillo	Verde/giallo	
OR/WH	Orange/White	Orange/Weiß	Orange/Blanc	Naranja/blanco	Arancione/bianco	
PR/WH	Purple/White	Purpur/Weiß	Pourpre/Blanc	Morado/blanco	Porpora/bianco	
RD/WH	Red/White	Rot/Weiß	Rouge/Blanc	Rojo/blanco	Rosso/bianco	
VI/WH	Violet/White	Violett/Weiß	Violet/Blanc	Violeta/blanco	Viola/bianco	
YL/WH	Yellow/White	Gelb/Weiß	Jaune/Blanc	Amarillo/blanco	Giallo/bianco	
YL/GN	Yellow/Green	Gelb/Grün	Jaune/Vert	Amarillo/verde	Giallo/verde	
YL/BK	Yellow/Black	Gelb/Schwarz	Jaune/Noir	Amarillo/negro	Giallo/nero	